

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 09/752,957F
Source: 1Fw16
Date Processed by STIC: 3/17/05

ENTERED



IFW16

RAW SEQUENCE LISTING

DATE: 03/17/2005

PATENT APPLICATION: US/09/752,957F

TIME: 09:50:25

Input Set : A:\251410-1010.ST25.txt

Output Set: N:\CRF4\03172005\I752957F.raw

3 <110> APPLICANT: Shiuan, David
 5 <120> TITLE OF INVENTION: Yeast with High Biotin-Productivity and the Preparation
 Method
 6 Thereof
 8 <130> FILE REFERENCE: 251410-1010
 10 <140> CURRENT APPLICATION NUMBER: 09/752,957F
 11 <141> CURRENT FILING DATE: 2001-01-02
 13 <150> PRIOR APPLICATION NUMBER: TW 89120972
 14 <151> PRIOR FILING DATE: 2000-10-07
 16 <160> NUMBER OF SEQ ID NOS: 5
 18 <170> SOFTWARE: PatentIn version 3.3
 20 <210> SEQ ID NO: 1
 21 <211> LENGTH: 1188
 22 <212> TYPE: DNA
 23 <213> ORGANISM: Candida utilis
 25 <400> SEQUENCE: 1
 26 atgtcgttta tattgactgc tattagtcgt ccgattgctc tttccacttc tagagtagct 60
 28 tctagggcta ctctggcaac aggtgctact gctgctgcgg agatcttggg agatgtgttc 120
 30 acggaacaaa tggaagaagt ggcttcacag gagaagaagc caaaccattt ggaatatgca 180
 32 ttgtcagtga agacaccagt caacacctgg accaaagaag aaattaaagc tatatatgac 240
 34 acaccactca tggacttgat gcactatgct caggtgcaac acagaagggt ccaacaacct 300
 36 tcagagggttc aattgtgcac tcttatgaat atcaaaactg gtggttgtag cgaggactgt 360
 38 aagtactgtg cccaatcaca gcgttacaaac actggtgtca aggctgaaag aatcatccaa 420
 40 gttgatgagg tgattgaagc tgcaaaggag gcaaaggcca atggatctac aagggttctgt 480
 42 atgggtgctg cttggagaga gatgaaagggt agaaagtcaa acttgaagaa aatcaaagag 540
 44 atgatcactg ctgtccatga ccttggaaatg gagagttgtg tcaccctggg aatggttgat 600
 46 aaagaccaag ccactgaatt gaaaagtgtc ggggttgacgg cgtacaacca taacattgat 660
 48 acttacaagg aacactatcc aaagggtgatc tccacaagaa gctttgatga tagattgaaa 720
 50 acattcaaaa acgttcaagg atctggatta aaggcatgca caggtgggtat tcttggtctt 780
 52 ggtgagaccc aagaggaccg tgtatctttc ctctacacct tggccacaat ggatcagcat 840
 54 ccagagtctc ttccaatcaa cagactgggtc ccaatcaagg gcacgccaat gtatgaagaa 900
 56 gttaagaaca agcaagttga agttgatgag attgtcagaa ccattgctac tgcaagattg 960
 58 gtcagcccaa cgtctattat cagattgggt gcaggaagat atacaatgaa agaggcagaa 1020
 60 caggtgatgt gcttcatggc tgggttgtaa gccatcttca caggtgaagaa aatgctcaca 1080
 62 acaatgtgta acggctggga tgaggataaa gccatgttggt ctaaattgggg tctgaaacca 1140
 64 atggagagtt tcaaatacaa accaaggagg gttgcattcg gtgcttga 1188
 67 <210> SEQ ID NO: 2
 68 <211> LENGTH: 30
 69 <212> TYPE: DNA
 70 <213> ORGANISM: artificial sequence
 72 <220> FEATURE:
 73 <223> OTHER INFORMATION: primer sequence
 75 <400> SEQUENCE: 2
 76 gaaagtcgac tcaagatctg tcgtacttaa 30

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79 <210> SEQ ID NO: 3
80 <211> LENGTH: 21
81 <212> TYPE: DNA
82 <213> ORGANISM: artificial sequence
84 <220> FEATURE:
85 <223> OTHER INFORMATION: primer sequence
87 <400> SEQUENCE: 3
88 ccgcagttaa atcgacaact g                                21
91 <210> SEQ ID NO: 4
92 <211> LENGTH: 23
93 <212> TYPE: DNA
94 <213> ORGANISM: artificial sequence
96 <220> FEATURE:
97 <223> OTHER INFORMATION: primer sequence
100 <220> FEATURE:
101 <221> NAME/KEY: misc_feature
102 <222> LOCATION: (4)..(4)
103 <223> OTHER INFORMATION: n is a, c, g, or t
105 <220> FEATURE:
106 <221> NAME/KEY: misc_feature
107 <222> LOCATION: (6)..(6)
108 <223> OTHER INFORMATION: n is a, c, g, or t
110 <220> FEATURE:
111 <221> NAME/KEY: misc_feature
112 <222> LOCATION: (9)..(9)
113 <223> OTHER INFORMATION: R is A or G'
115 <220> FEATURE:
116 <221> NAME/KEY: misc_feature
117 <222> LOCATION: (12)..(12)
118 <223> OTHER INFORMATION: Y is T or C
120 <220> FEATURE:
121 <221> NAME/KEY: misc_feature
122 <222> LOCATION: (15)..(15)
123 <223> OTHER INFORMATION: Y is T or C
125 <220> FEATURE:
126 <221> NAME/KEY: misc_feature
127 <222> LOCATION: (18)..(18)
128 <223> OTHER INFORMATION: n is a, c, g, or t
130 <400> SEQUENCE: 4
W--> 131 tgtncngarg aytgyaanta ttg                                23
134 <210> SEQ ID NO: 5
135 <211> LENGTH: 20
136 <212> TYPE: DNA
137 <213> ORGANISM: artificial sequence
139 <220> FEATURE:
140 <223> OTHER INFORMATION: primer sequence
143 <220> FEATURE:
144 <221> NAME/KEY: misc_feature
145 <222> LOCATION: (3)..(3)

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146 <223> OTHER INFORMATION: R is A or G'
148 <220> FEATURE:
149 <221> NAME/KEY: misc_feature
150 <222> LOCATION: (6)..(6)
151 <223> OTHER INFORMATION: n is a, c, g, or t
153 <220> FEATURE:
154 <221> NAME/KEY: misc_feature
155 <222> LOCATION: (8)..(8)
156 <223> OTHER INFORMATION: n is a, c, g, or t
158 <220> FEATURE:
159 <221> NAME/KEY: misc_feature
160 <222> LOCATION: (9)..(9)
161 <223> OTHER INFORMATION: R is A or G'
163 <220> FEATURE:
164 <221> NAME/KEY: misc_feature
165 <222> LOCATION: (12)..(12)
166 <223> OTHER INFORMATION: R is A or G'
168 <400> SEQUENCE: 5

W--> 169 gtrtcnanrt trtggttgta

20

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 03/17/2005
PATENT APPLICATION: US/09/752,957F TIME: 09:50:26

Input Set : A:\251410-1010.ST25.txt
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:4; N Pos. 4, 6, 18

Seq#:5; N Pos. 6, 8

VERIFICATION SUMMARY

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Input Set : A:\251410-1010.ST25.txt

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L:131 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0

L:169 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0